Table of content

1. Introduction

1.1 Preface

Thank you very much for purchasing FANTEC FULL HD MEDIA PLAYER. We hope you will enjoy using it as a great home entertainment partner. This player has the following functionality.

A/V Output
- HDMI V1.3 for high-definition video and digital audio
- Composite video and stereo audio for analogue audio-visual connection
- S/PDIF optical & coaxial interface for high-fidelity digital audio
- Adjustable video output (NTSC, PAL, 480i, 480p, 576i, 576p, 720p, 1080i, 1080p)

Multimedia Playback
- Supports major audio, video and image file formats (1080p HD video decoding)
- Movie format:
  AVI/MKV/XVID/DIVX/TS/MTS/M2TS/MPG/MP4/MOV/VOB/ISO/IFO/DAT/ RM/RMVB/FLV/DVD MENU Playback/DVD ISO Playback /H.264/AVCHD
  Supports SRT, SSA, ASS, SMI, SAMI, TXT, SUB, SUB+IDX, MKS subtitle format
  NOTE: Subtitle and Video must have the same name, (e.g. 123.avi and 123.srt）
  Supports fast forward, rewind, pause, previous song, next song, audio switching, subtitle switching, loop playback, time search operation
- Music format:
  MP3/WMA/WAV//AAC/FLAC/Digital downmix
  Supports dynamic lyrics display of music (lyrics and music should have same name)
  Supports built-in album art display for music
  Supports fast forward, rewind, pause, previous song, next song, loop playback
- Photo format:
  HD JPEG/BMP/GIF/TIF/PNG
  Photo slide show with background music
  Supports zoom, move and rotate
- Text format:
  Supports .TXT file
  Supports switching of diverse backgrounds style, text font, color
  Supports manual wrap, flip, and automatic wrap browsing
  When View pictures or read the text, you can listen to music at the same time
- File system format:
  NTFS, FAT32

Network Feature

- A/V streaming via UPnP Media Server
- Internet Radio
- Picasa access
- Flickr access

File Copy and Delete

- Supports copying & delete files among USB devices and Memory Card

USB 2.0 Support

- USB HOST port x 2 (for USB storage devices)
- SD / SDHC /MMC/ MS / MS Pro Card Reader

Note: All the information contained in this manual was correct at the time of publication. However, as our engineers are always updating and improving the product, your device's software may have a slightly different appearance or modified functionality than presented in this manual.

1.2 Packing List

Part	Quantity
Player	1
Remote Control	1
Remote Control Battery	2
AC/DC adaptor	1
Quick start guide (printed)	1
Driver CD (with User Manual)	1
Warranty card	1

Note:
The actual contents in the package might be different from the packing list in this manual.

1.3 Cautions

The FANTEC FULL HD MEDIA PLAYER design and manufacture has your safety in mind. In order to safely and effectively use this player, please read the following before usage.

1.3.1 Usage Cautions

User should not modify this player. If commercial hard disk is being used, the environmental temperature should be within +5 °C ~ +35 °C.

1.3.2 Power

The player's power voltage: DC 12V.

When using this player, please connect the supplied AC adapter or AC adapter cable to the player's power jack. When placing the adapter cable, make sure it can not get damaged or be subject to pressure. To reduce the risk of electric shock, unplug the adapter first before cleaning it. Never connect the adapter to the player in a humid or dusty area. Do not replace the adapter or cable's wire or connector.

1.3.3 Radio Interference

- If not properly shielded, almost all electronic devices will get radio interference. Under some conditions, your player might get interference.

- The design of this player has followed the FCC/CE standard, and has followed the following rules:

(1) This player may not cause harmful interference;

(2) This player could accept some interference received including interference that may

cause undesired operation.

1.3.4 Repair

If the player has a problem, you should take it to an appointed repair center and let the specialists do the repair, never repair the player yourself, you might damage the player or endanger yourself or your data.

1.3.5 Disposing of the Player

When you dispose of the player, be sure to dispose it appropriately. Some countries may regulate disposal of electrical device, please consult with your local authority.

1.3.6 Others

When using this player, please do not let the player come into contact with water or other liquid, if water is accidentally spilled on the player, please use a dry cloth to absorb the spillage.

Electronic products are vulnerable, when using please avoid shaking or hitting the player, and do not press the buttons too hard.

Do not let the player come into contact with water or other liquid.

Do not disassemble the player, repair the player or change the design of the player, any damage done will not be included in the repair policy.

Do not press the buttons of the player too hard.

Avoid hitting the player with hard object, avoid shaking the player, and stay away from magnetic fields.

During electrostatic discharge and the strong electromagnetic field, the product will malfunction, then unplug the power cable and the product will return to normal performance next time it is powered on.

1.4 Connection

1.4.1 Connecting the Power Supply
(1) Follow the picture and connect the AC adaptor to the player's DC IN jack;
(2) Follow the picture and plug in the AC adaptor to the power outlet.
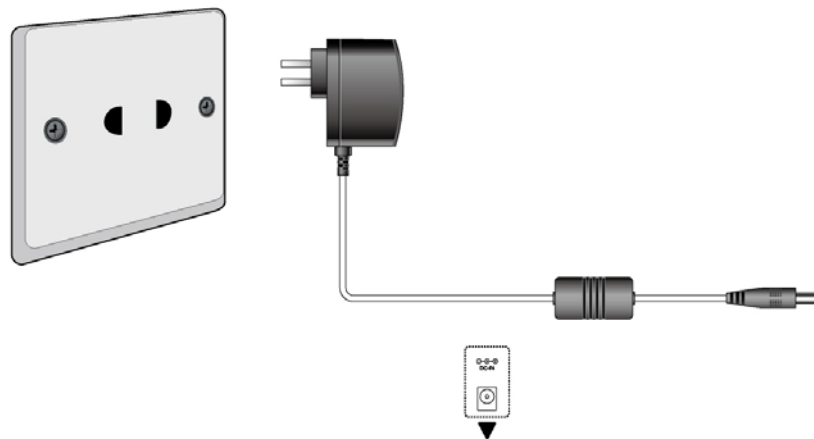
1.4.2 Connecting a USB Device or Memory Card
(1) Make sure the player is powered on;
(2) Plug in the USB stick or USB HDD etc. to the USB HOST port of this player.
(3) Insert the memory card into the card slot properly.
In this way, you can browse contents of external USB devices or memory cards.
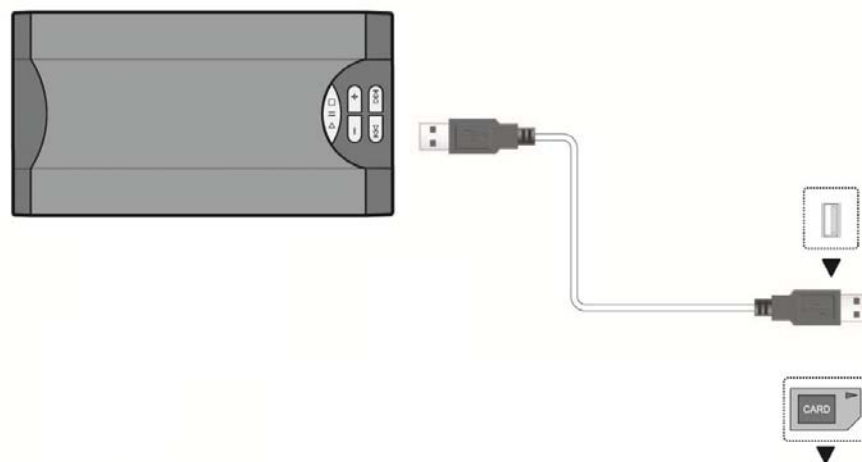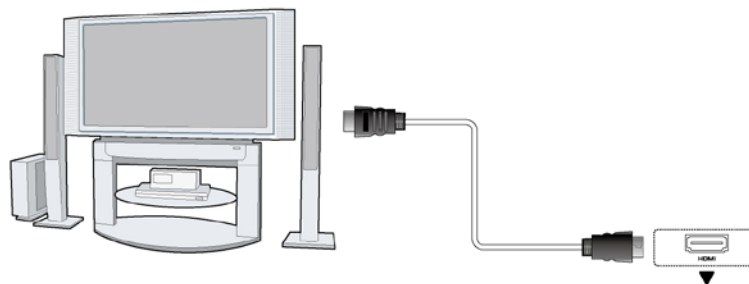
1.4.3 Connecting to a TV
1.4.3.1 A/V OUT
(1) Follow the picture and plug in the 3 colour connector to the player's A/V OUT jack;
(2) Follow the picture and plug in the 3 colour connector to the TV's A/V IN jack.
In this way, you can enjoy the content in the player on TV or other display devices.
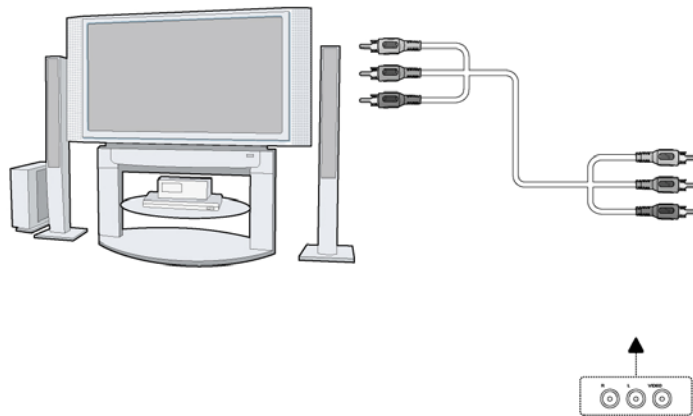
1.4.3.2 HDMI OUT
(1) Follow the picture and plug one connector on your HDMI cable to the player's HDMI jack;
(2) Follow the picture and plug the other connector on your HDMI cable to the TV's HDMI jack. **Note**: The HDMI cable is an optional accessory sold separately.
In this way, you can have the highest quality video and audio via a single cable.

1.4.4 Connecting to an Digital Amplifier

(1) Follow the picture and plug in the Coax connector to the player's S/PDIF Coaxial jack;

(2) Follow the picture and plug in the other connector on your coax cable to the digital audio device (digital amplifier or decoder).

Note: Coax cable is not supplied.

In this way, you can enjoy powerful Digital Surround or MPEG sound
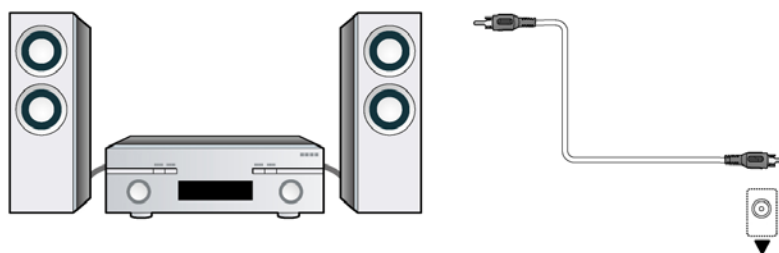
1.4.5 Connecting to a LAN

To connect to a LAN (Local Area Network) you require a cat5, cat5e or cat6 network cable (not supplied).

(1) Connect one of the crystal plugs on the cable to the player's RJ45 LAN socket;

(2) Connect the other crystal plug on the cable to a RJ45 LAN port on your router, switch, or hub devices.
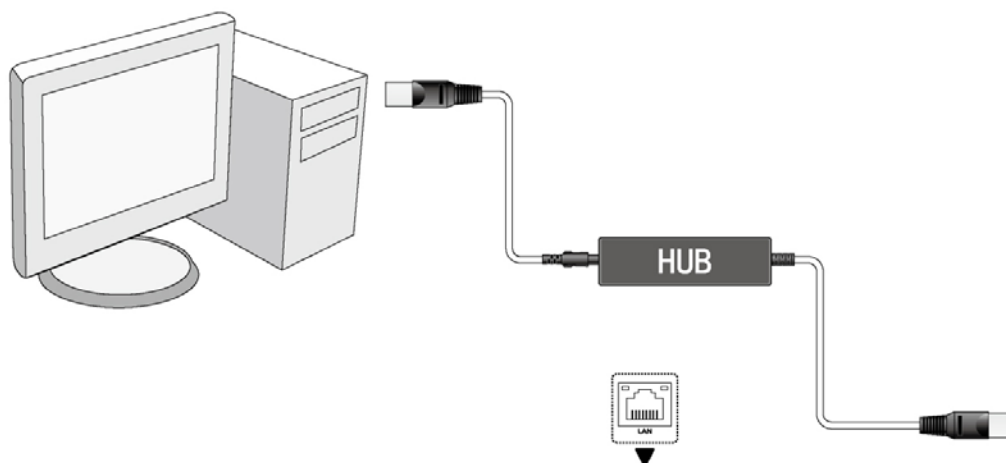
1.5 Power On / Off

Power On

After connecting the DC IN jack and press the power button on the front panel, the player will soon enter the home screen, and the power indicator will turn blue.
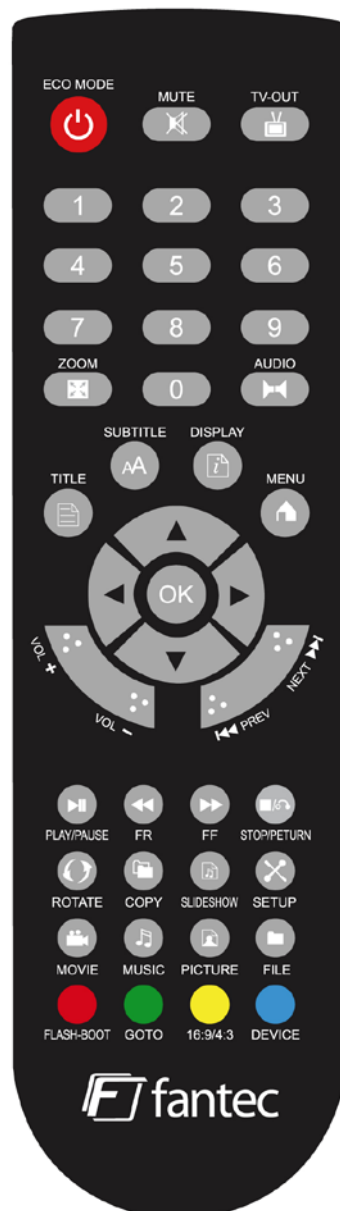
Power Off
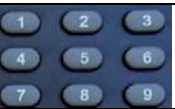
Press the power button on the front panel, the player will soon enter standby mode, and the power indicator will turn red.

2. Remote control

All procedures in this manual can be carried out using the remote control buttons.
See the following for details on each button and its function:

	Button	Photo	Function
1	POWER		Press to enter standby mode or wake up.
2	MUTE		Enables/ Disables the sound
3	TV-OUT		Selects TV Video output: NTSC: 480i,480P,720P,1080i, 1080P PAL: 576i,576P,720P,1080i, 1080P
4	Numeric buttons		Press to enter IP-address
6	AUDIO		Change audio track if existing
7	TITLE		Return to DVD menu in DVD ISO or Video_TS playback
8	SUBTITLE		Subtitle on or off
9	DISPLAY		- Press to open the tool bar during playback for additional functions
10	MENU		Go to Main Menu
11	Navigation buttons		Select item up, down, left or right
12	OK		Press "OK" to confirm
13	VOL +/ VOL -		Increase or decrease the volume
14	NEXT/PREV		Page up/Down or Next/Previous file
15	PLAY/PAUSE		Begin playback/confirm selection/pause playback
16	FR		Fast rewind
17	FF		Fast forward
18	STOP/RETURN		Stop playing, Return to previous step
19	ROTATE		Rotate selected photo
20	COPY		Enables to copy single files or folders between different devices
21	SLIDESHOW		Enables the slideshow playback mode of pictures and music.
22	SETUP		Enter the OSD Setup Menu
23	MOVIE		Press the button to enter the movie menu. All movie files are shown in the directory structure
24	MUSIC		Press the button to enter the music menu. All Music files are shown in the directory structure
25	PICTURE		Press the button to enter the picture Menu. All Picture files are shown in the directory structure
26	TXT		Press the button to enter the File Menu. All the files are shown in the directory structure
27	FLASH-BOOT		Loads embedded options in flash files. Please press FLASH-BOOT during flash file playback to load the option interface.

28	GO TO	🟢	Go to a specified time during **video** playback
29	16:9/4:3	🟡	Change the TV mode during **video** playback
30	DEVICE	🔵	In **Main Menu** press to switch between the USB drive and card reader

3. System Start-up

3.1 TV Mode

Connect and set up media player and TV, then connect to power and turn on turn on.
After a few seconds the media player enters the **Main Menu**.

Note: All available external storage devices are shown in blue colour on the right

upper corner of the **Main Menu**.

4. Main Menu

The **Main Menu** contains 8 functions.
The icons are:

Movie   Photo   Music   Text

Flash   Network   File   Setup

The cursor highlights at any option. Press "OK" button to enter the selected function.
If any empty device is connected to the player, a screen with "No file" will be
displayed.
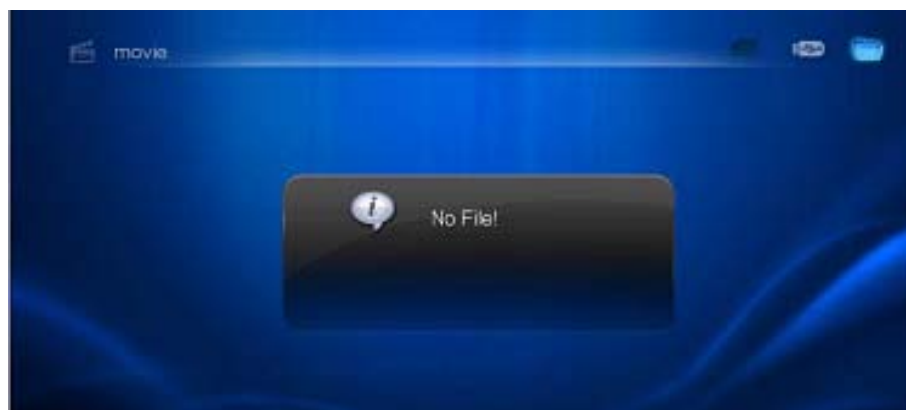
5. Movie Playback

5.1 Quick start

Press "LEFT/RIGHT" button on the remote to select the Movie Icon. Press "OK" to
  enter into movie thumbnail or movie list menu.
(1).Press "UP/DOWN/LEFT/RIGHT" button to select the movie stored on the HDD.
    Press "OK" to play the selected movie
(2).Press "STOP/RETURN" button to return to the Movie preview interface. Press
    again to return to the Main Menu.

5.2 Thumbnail view

Press the "MOVIE" button on remote control to enter the movie thumbnail interface.
The movie sorting order is according to the options under "Setting", "Movie setup"
and "Sorting". When the cursor highlights one movie, "Duration", "File size" and "File
type" will be shown on the left information bar.

5.3 List view

Press the "MOVIE" button on remote control to enter the movie list interface. The
movie sorting order is according to the options under "Setting", "Movie setup" and
"Sorting". When the cursor highlights one movie a preview window and "Duration",
"File size" and "File type" will be shown on the left information bar.

5.4 Playback options
5.4.1 Movie Tool bar
Press the "DISPLAY" button on the remote control during movie playback. The movie info bar will pop up on the bottom of the screen. Previous, fast rewind, play/pause, subtitle, audio, zoom, fast forward and next option are available. The tool bar will fade out after 5 seconds without any operation. Press the "LEFT/RIGHT" button to select the function and press "OK" to confirm.

5.4.2 Movie GO TO function
Press "GOTO" button on the remote control during movie playback. The time selection interface will pop up on the bottom of the screen. At this interface you can enter the time in order to go to a specific time of the movie. The selected time should not longer than the total time of the file.

5.4.3 Movie resume play function
If you interrupt a movie playback by pressing the STOP/RETURN button, you can resume watching this movie at the position you left it. To skip the resume play please select "x" in order to start the movie from the beginning.
To enable or disable this automatic bookmark function, please go to Settings, Movie setup and select Resume Play.

6. Photo Playback

6.1 Quick start

Press "left /right" button on the remote to select the Photo Icon. Press "OK" to enter into photo thumbnail or photo list menu.

(1). Press "UP/DOWN/LEFT/RIGHT" button to select the photos stored on the HDD. Press "OK" to play the selected photo

(2). Press "STOP/RETURN" button to return to the Photo preview interface. Press again to return to the Main Menu.

6.2 Thumbnail view

Press the "PICTURE" button on remote control to enter the photo thumbnail interface.

The photo sorting order is according to the options under "Setting", "Photo setup" and "Sorting". When the cursor highlights one picture, "File size", "File Typ", "Resolution and "Date" will be shown on the left information bar.

6.3 List view

Press the "PICTURE" button on remote control to enter the photo list interface.

The photo sorting order is according to the options under "Setting", "Photo setup" and "Sorting". When the cursor highlights one picture, "File size", "File Type", "Resolution and "Date" will be shown on the left information bar.

6.4 Playback options
6.4.1 Photo Tool bar
Press the "DISPLAY" button on the remote control during photo playback. The photo info bar will pop up on the bottom of the screen. Previous, play/pause, rotate, zoom, background music on/off, picture effects and next options are available. The tool bar will fade out after 5 seconds without any operation. Press the "LEFT/RIGHT" button to select the function and press "OK" to confirm.
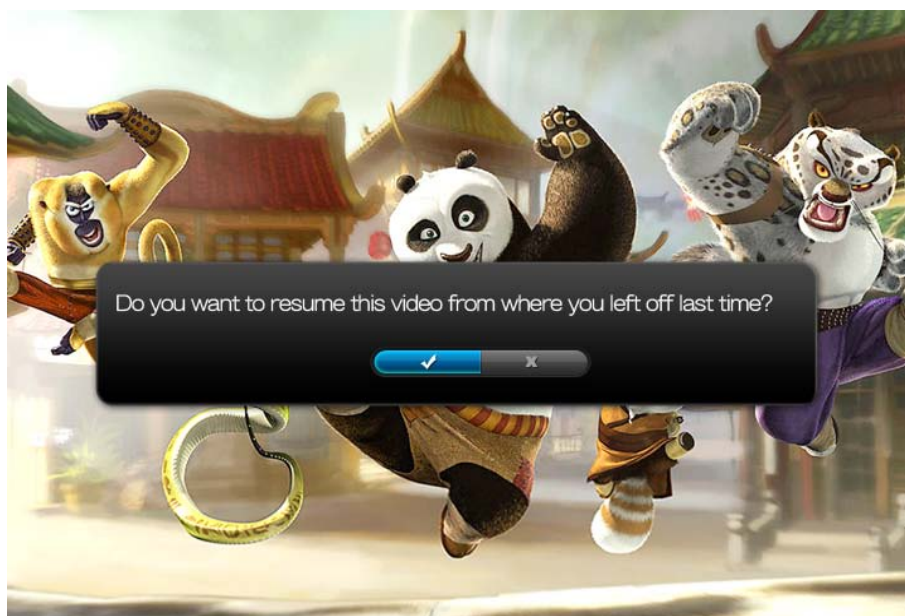
6.4.2 Slideshow with music

Please copy pictures and music files into the same folder. Then enter the **Photo** menu and enter the depending folder. Now first press the "SLIDESHOW" button and afterwards the "DISPLAY" button on the remote control. The photo info bar will pop up on the bottom of the screen. Select the music icon to enable the background music.

If you press the SLIDESHOW button directly under **Photo** menu, all content stored on the HDD, USB or Card will be played in alphanumeric order.

Note: The slideshow mode is design for a simultaneous playback of JPEG picture files and MP3 music files.

7. Music playback

7.1 Quick start

Press "LEFT/RIGHT" button on the remote to select the Music Icon. Press "OK" to enter into music thumbnail or music list menu.
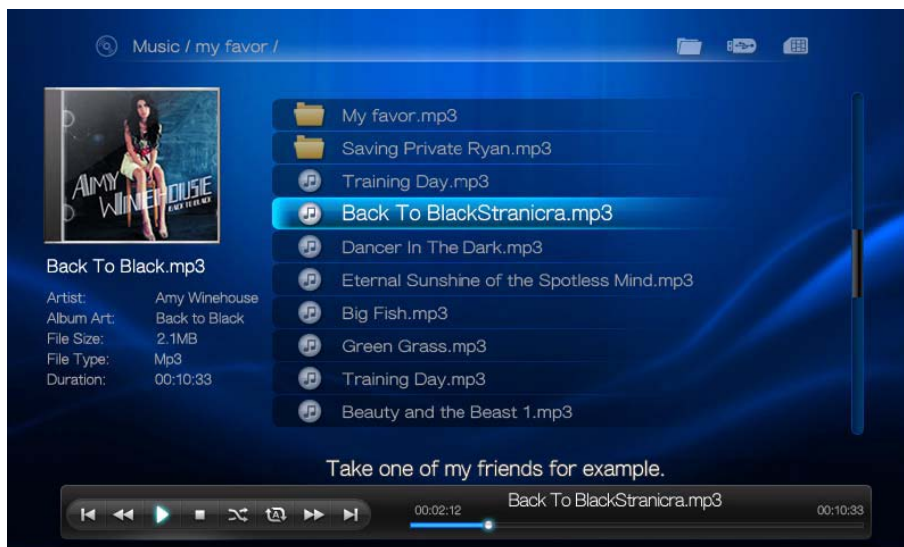
(1).Press "UP/DOWN/LEFT/RIGHT" button to select the music file stored on the HDD. Press "OK" to play the selected music file.

(2).Press "STOP/RETURN" button to return to the Music preview interface. Press again to return to the Main Menu.

7.2 Thumbnail view

Press the "MUSIC" button on remote control to enter the music thumbnail interface. The music sorting order is according to the options under "Setting", "Music setup" and "Sorting". When the cursor highlights one title, "Artist", "Album", "File size", "File Type" and "Duration" will be shown on the left information bar.

7.3 List view

Press the "MUSIC" button on remote control to enter the photo list interface.
The music sorting order is according to the options under "Setting", "Music setup"
and "Sorting". When the cursor highlights one title, "Artist", "Album", "File size", "File
Type" and "Duration" will be shown on the left information bar.

7.4 Playback options

7.4.1 Music Tool bar

Press the "DISPLAY" button on the remote control during music playback. The music
info bar will pop up on the bottom of the screen. Previous, fast rewind, play/pause,
stop, shuffle/continuous, repeat, fast forward and next option are available. The tool
bar will fade out after 5 seconds without any operation. Press the "LEFT/RIGHT"
button to select the function and press "OK" to confirm.

Repeat options:

Repeat off, Repeat All, Repeat directory, Repeat song

8. Text playback

8.1 Quick start

Press "LEFT/RIGHT" button on the remote to select the Text Icon. Press "OK" to
enter into text list menu.
(1).Press "UP/DOWN/LEFT/RIGHT" button to select the text file stored on the HDD.
Press "OK" to play the selected text file.
(2).Press "STOP/RETURN" button to return to the text list interface. Press again to
return to the Main Menu.

8.2 Playback options
8.2.1 Text Tool bar

Press the "DISPLAY" button on the remote control during text playback. The text info
bar will pop up on the bottom of the screen. Previous, fast rewind, play/pause, zoom
out, zoom in, background music, fast forward and next option are available. The tool
bar will fade out after 5 seconds without any operation. Press the "left/right" button to
select the function and press "OK" to confirm.

9. Flash playback

9.1 Quick start

Press "LEFT/RIGHT" button on the remote to select the Flash Icon. Press "OK" to enter into flash list menu.

(1).Press "UP/DOWN/LEFT/RIGHT" button to select the flash file stored on the HDD. Press "OK" to play the selected flash file.

(2).Press "STOP/RETURN" button to return to the flash list interface. Press again to return to the Main Menu.

Note: The FLASH-BOOT mode is designed for embedded option of flash files.

10. Network playback

10.1 Quick start

Press "LEFT/RIGHT" button on the remote to select the Network Icon. Press "OK" to enter into network menu.

(1).Press "LEFT/RIGHT" button to select the network options. Press "OK" to enter the selected option.

(2).Press "STOP/RETURN" button to return to the network options interface. Press again to return to the Main Menu.

10.2 Streaming via UPnP

A built-in UPnP (Universal Plug and Play) client has been integrated on the system, which allows the FANTEC FULL HD media player to auto-detect UPnP Media Servers on the network. You can browse and stream media files from them.

10.2.1 Installing the UPnP server on your PC

There're a lot of free and commercial UPnP Media Server software, such as Windows Media Connect, Windows Media Player 10/11/12, XBMC Media Center (Linux/Mac/Windows), MediaTomb (Linux), etc. Please install one of them on your computer. In the following chapters, we will take Windows Media Player 11 on Microsoft Windows XP SP2 for an example.

10.2.2 Share media files on your PC with Windows Media Player 11
The Media Sharing feature of Windows Media Player 11 lets you enjoy the contents of your Windows Media Player library from anywhere in your home.

Open Windows Media Player 11, click **Library** -> **Add Library** -> **Advanced Options** to add or remove media files from the library.
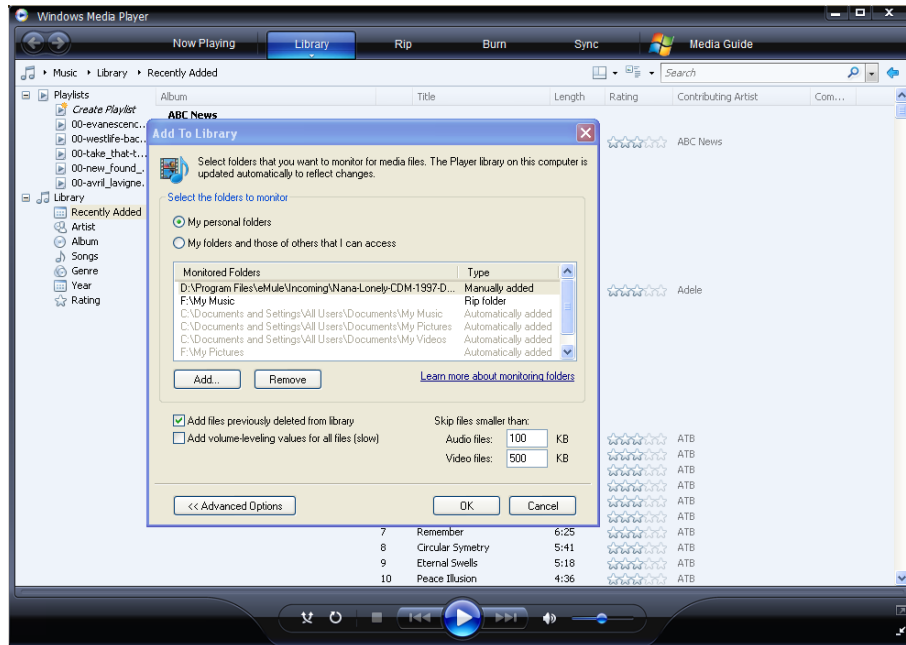
Click **Library** -> **Media Sharing**, then you can allow or deny devices to access the media library. Click **Allow** to authorize your player.
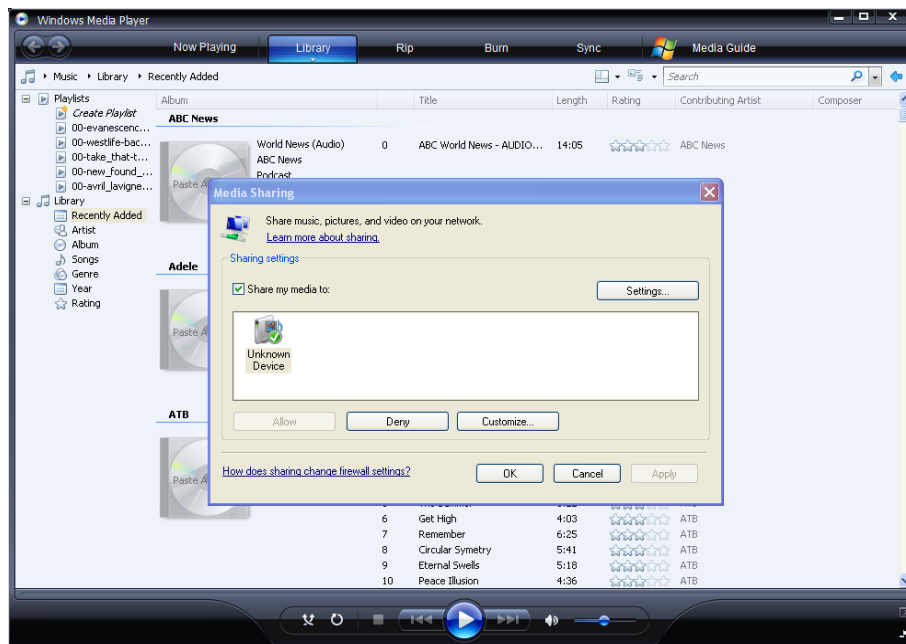
Then please close the Media Payer 11 and control if the UPNP service is running. Click **Network** icon on your desktop and all PC and UPNP deceives in your network are displayed.
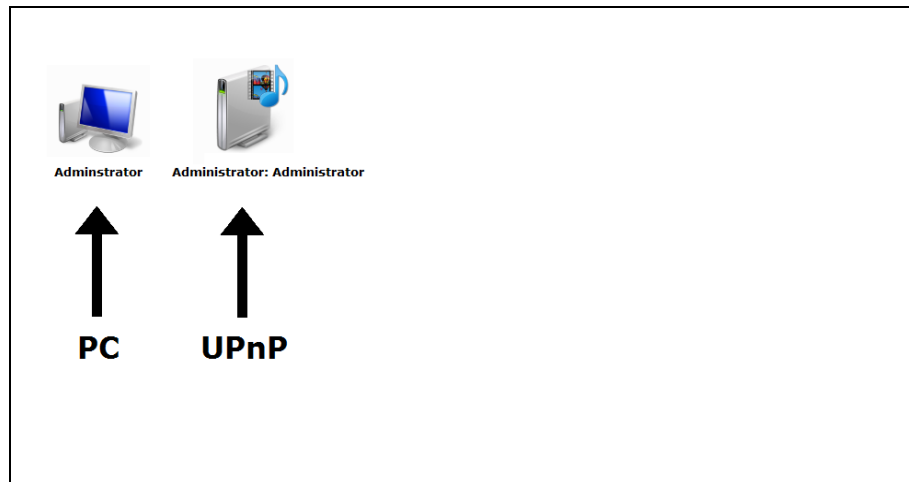
Note: You don't have to start Media Player 11, once it is configured you just have to turn on your PC and all the content listed in the Library will be available in the network.

10.2.3 Access Media Streaming with UPnP
Connect your player to you local network (Ethernet or wireless) and configure the network as described under NETWORK SETUP in this manual. Then visit the UPNP menu of the player.

Select one of the options for network streaming: Movie, Photo, Music or Text.

Enter into Movie, Photo, Music or Text to browse or play the content shared by Windows Media Player 11. The directories and files displayed will be the same as in Windows Media Player 11.

Note: Firewalls may prevent your player to communicate with your computer. Please open the ports manually and add your player to the 'trusted' list, or disable the firewall temporarily.

10.3 NetRadio

A built-in internet radio client has been integrated on the system, which allows the FANTEC FULL HD media player to play thousands of internet radio music stations. Visit NetRadio menu to access your favorite stations, access to all available stations, delete or search function.

10.3.1 NetRadio stations

If you visit the NetRadio for the first time, all available stations are listed. Please use UP/DOWN button to navigate or use "LEFT/RIGHT" button to switch to the next page. Please press "OK" button to enter your preferred genre.

All available stations are listed. Please use "UP/DOWN" button to navigate or use "LEFT/RIGHT" button to switch to the next page. Please press "OK" button to enter your preferred station.

Please enter into the last sub-menu and browse or play the available internet radio stream.

10.3.2 NetRadio Favorites

If you have entered the last sub menu of the NetRadio, please press the "COPY" button to add the selected internet radio stream to the favorites list.

For example: Select the stream " Radio Swing Worldwide.mp3" and press "COPY" to add it to Favorites.

To visit the FAVORITES list please press the "RETURN" button. All favorites are listed under this icon:

To visit the NetRadio, please go to this icon:

10.3.3 NetRadio Delete function

To delete a stream from your FAVORITES list, please go to this icon:

Then select the stream that should be deleted and press "OK" button to delete it.

10.3.4 NetRadio Search function

To search for internet radio stations please go to this icon:

Please enter the name of the internet radio station by the use of the virtual keyboard. You can change the letter and the special character interface with the "@#&" button and confirm with the "Submit" button. Then the player will display all available station that are matching your search request.
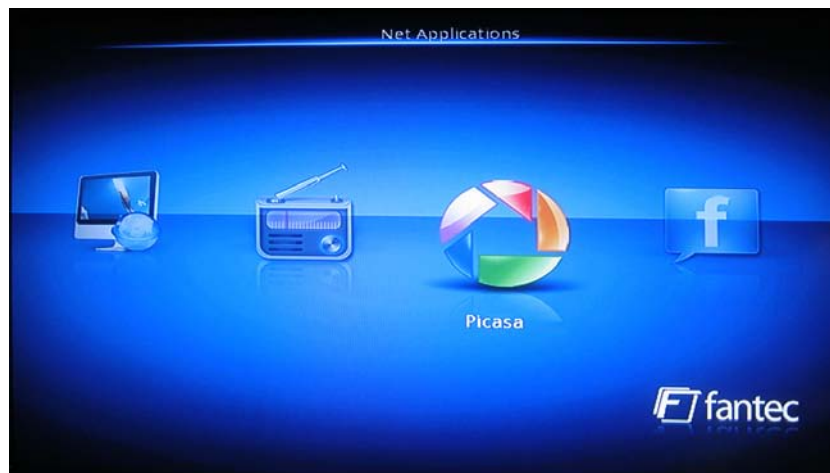

Note: At the first time you press "OK" button to enter into the NetRadio menu, the Favorites menu will appear on your TV screen.

10.4 Picasa

A built-in Picasa client has been integrated on the system, which allows the FANTEC FULL HD media player to access to your private PICASA account.

Visit Picasa menu on the player and press "OK" button.

If there is no account existing, you have to enter your access data first.

Enter your Picasa username and password data via the virtual keyboard and then you can browse your online account. You can change the letter and the special character interface with the "@#&" button and confirm with the "Submit" button.

10.5 Flickr

A built-in Flickr client has been integrated on the system, which allows the FANTEC FULL HD media player to access to your private Flickr account.

Visit Flickr menu on the player and press "OK" button.

If there is no account existing, you have to enter your access data first.

Enter your Flickr username and password data via the virtual keyboard and then you can browse your online account. You can change the letter and the special character interface with the "@#&" button and confirm with the "Submit" button.

11. File playback

11.1 Quick start

In File playback mode you can play all supported files stored on you device. It contains all function that where mentioned in Movie, Photo, Music, Text and Flash playback mode. It is the recommended playback mode.

Press "left /right" button on the remote to select the File Icon. Press "OK" to enter into file list menu.

(1).Press "UP/DOWN/LEFT/RIGHT" button to select the file stored on the HDD. Press "OK" to play the selected file.

(2).Press "STOP/RETURN" button to return to the file list interface. Press again to return to the Main Menu.
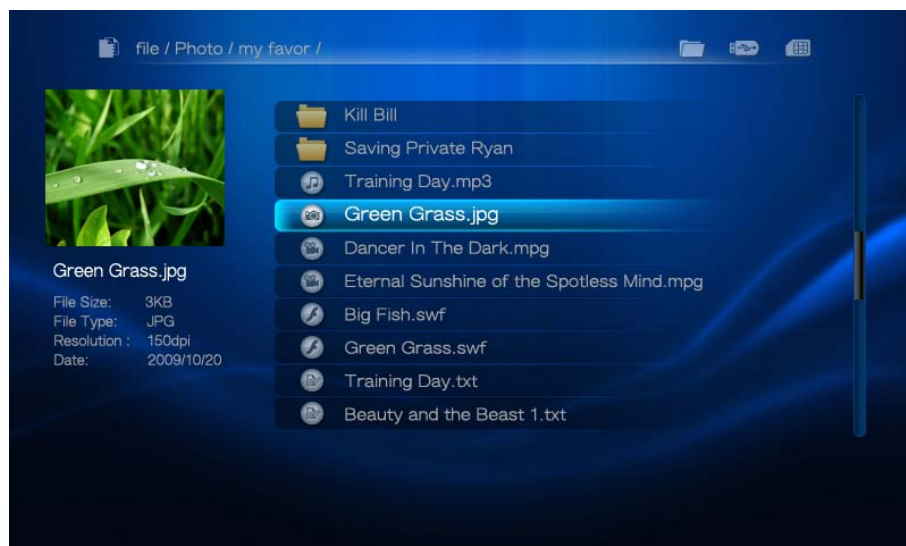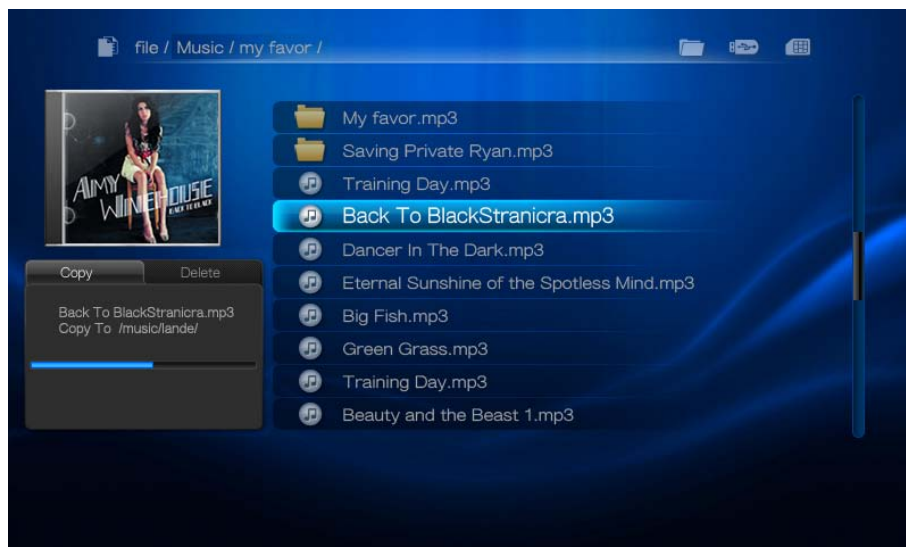
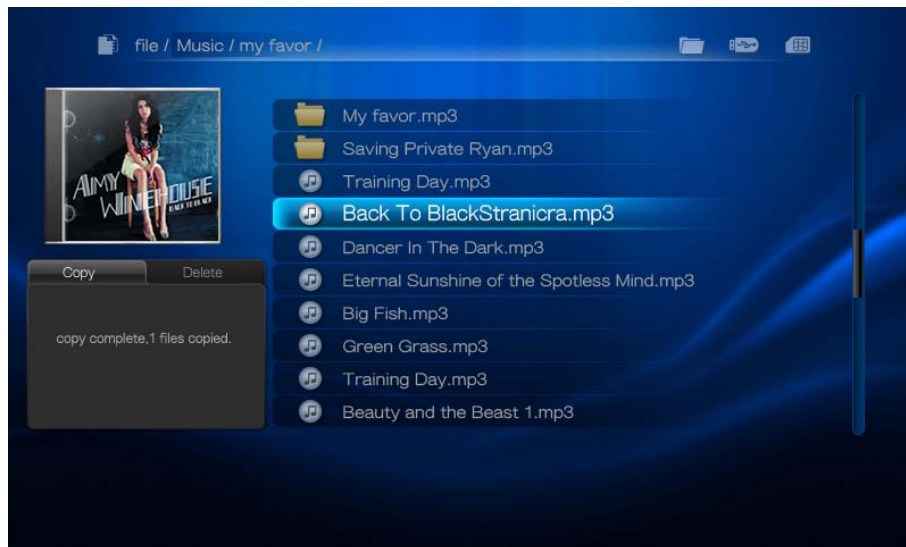# 12. Copy and Delete function

12.1 Copy mode

Please select the FILE icon on the Main menu and enter into File list menu. Now you can navigate and select the folder or file that should be copied. Then press "COPY" button on the remote control to open the Copy menu and "OK" to select one of the available destinations devices (HDD, USB, Card).
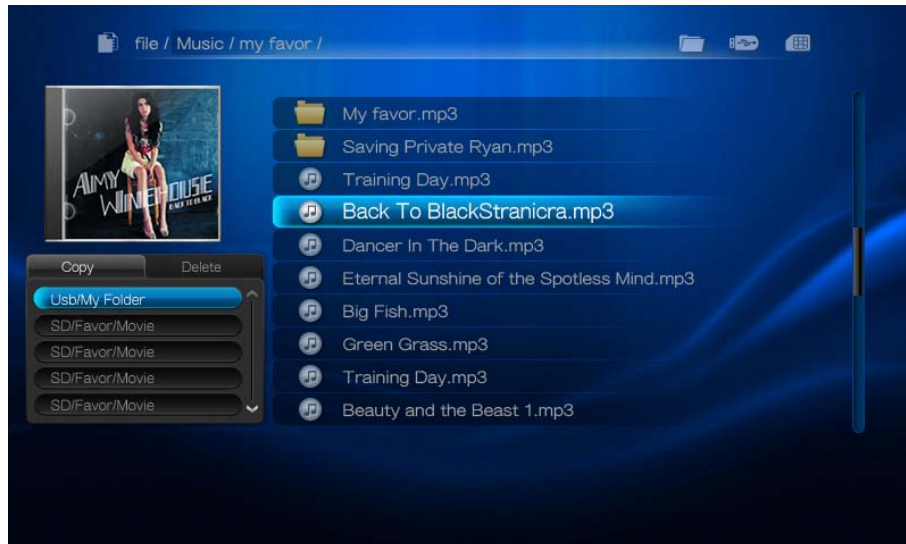
With the "LEFT/RIGHT" button your can browse the destination device. If you have selected the destination path, press "OK" to begin the copy process.
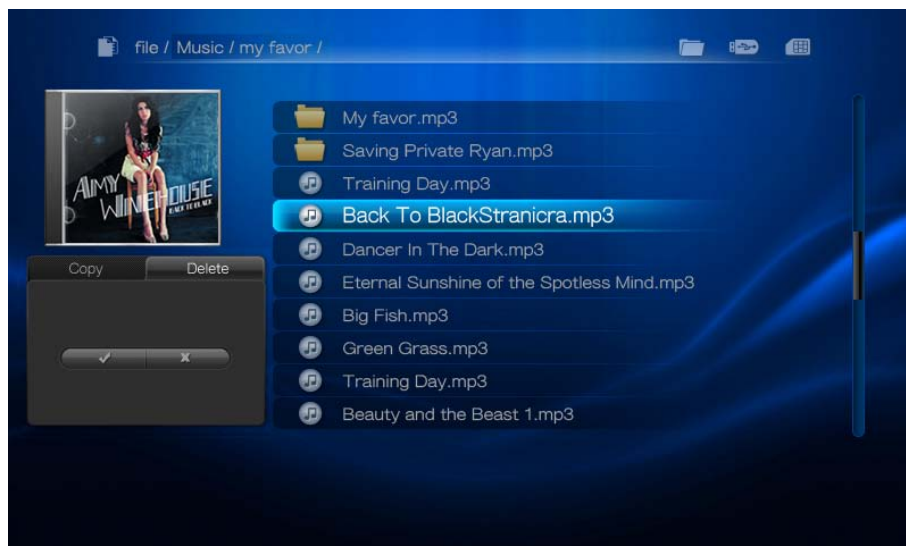
After the copy process is finished, you can exit the Copy function by pressing the "STOP/RETURN" button.

12.2 Delete mode

Please select the FILE icon on the Main menu and enter into File list menu. Now you can navigate and select the folder or file that should be deleted. Then press "COPY" and "RIGHT" button on the remote control to enter the Delete menu and "OK" to activate the delete function. Then press "OK" to start the delete process or "RIGHT" to cancel.

After the delete process is finished, you can exit the Delete function by pressing the "STOP/RETURN" button.

13. Settings

13.1 Quick start

Press "LEFT/RIGHT" button on the remote to select the Settings Icon. Press "OK" to enter into setup menu.

(1).Press "UP/DOWN/LEFT/RIGHT" button to select the options. Press "OK" to enter into the sub-menu.

(2).Press "UP/DOWN/LEFT/RIGHT" button to select the options. Press "OK" to confirm and exit into the settings menu.

(3).Press "STOP/RETRUN" button to return to the Main Menu.

13.2 Display Settings
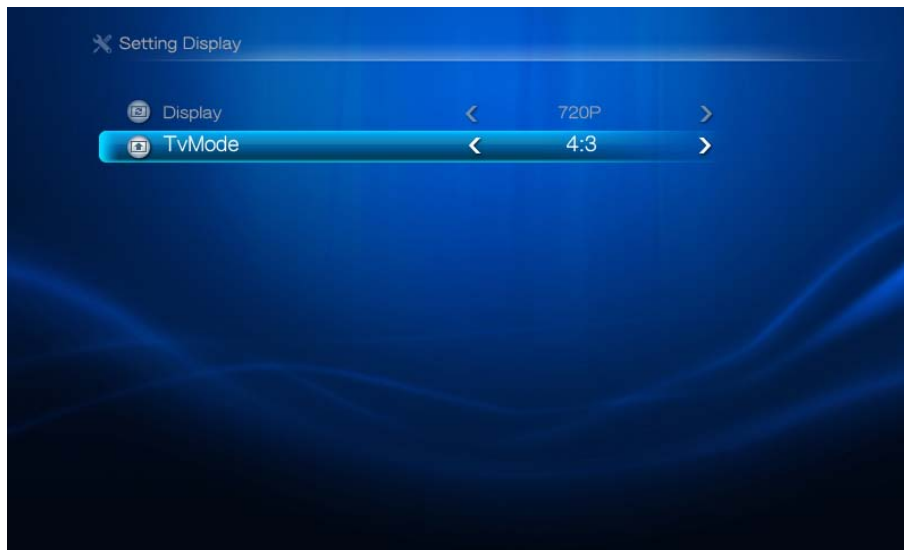
13.3 Language Settings

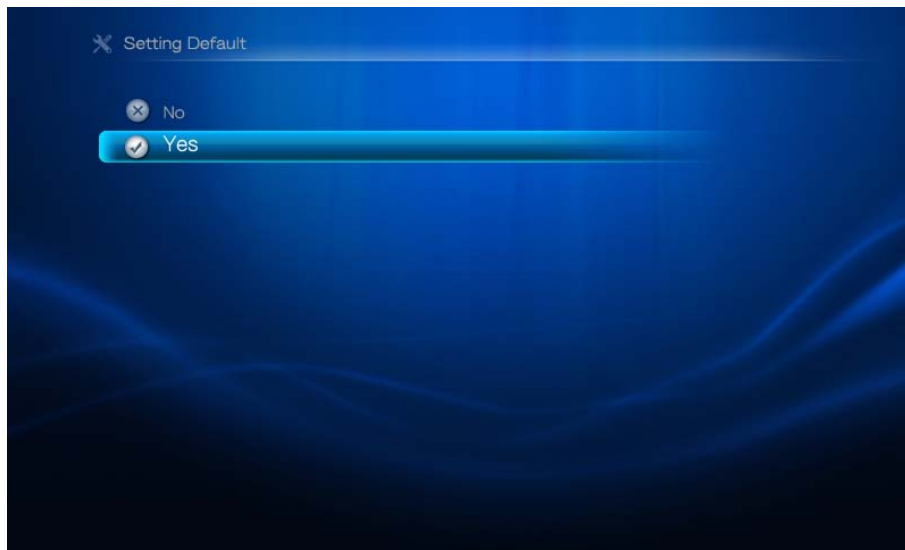## 13.4 Photo Settings

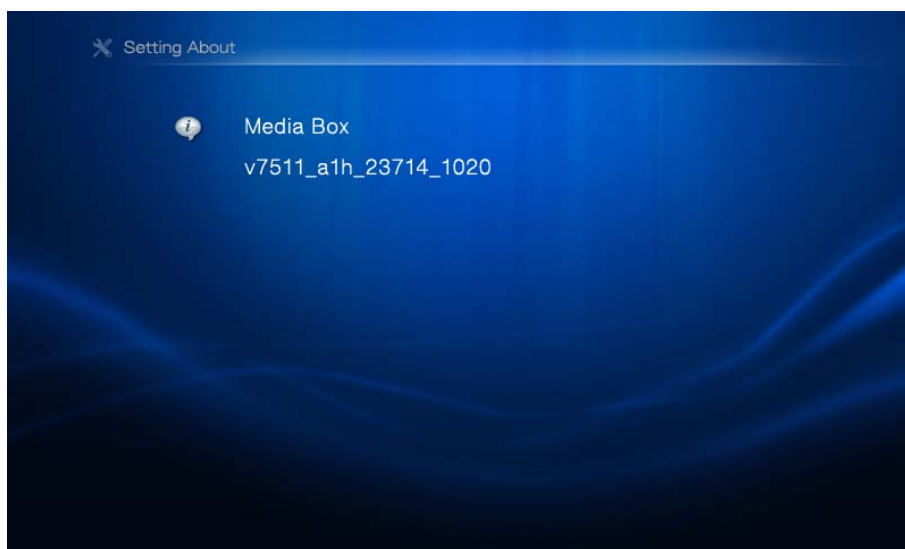## 13.5 Movie Settings

13.6 Music Settings

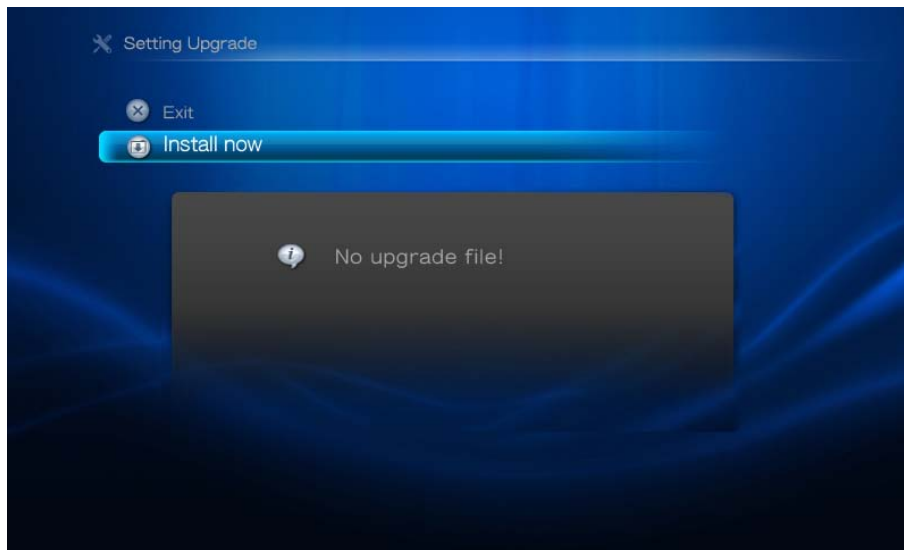## 13.7 Text Settings

13.8 Default Settings

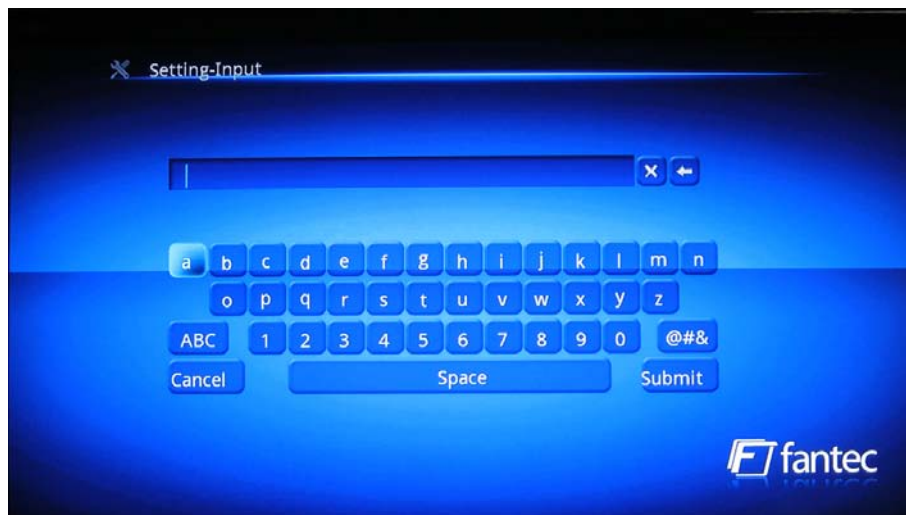## 13.9 About

13.10 Upgrade

13.11 Network setup
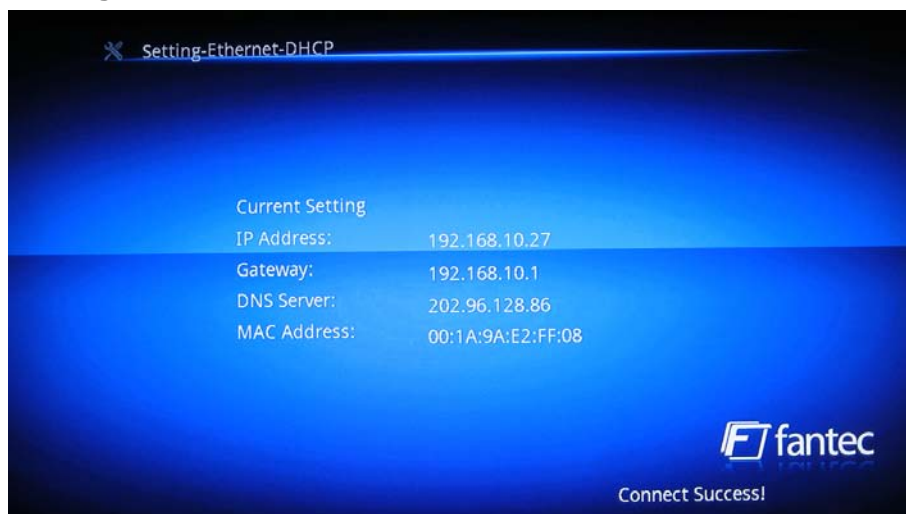## 13.11.1 Setting WiFi Auto

13.11.2 Setting WiFi Manual

Enter your data via the virtual keyboard. You can change the letter and the special character interface with the "@#&" button and confirm with the "Submit" button.

13.11.3 Setting Ethernet DHCP
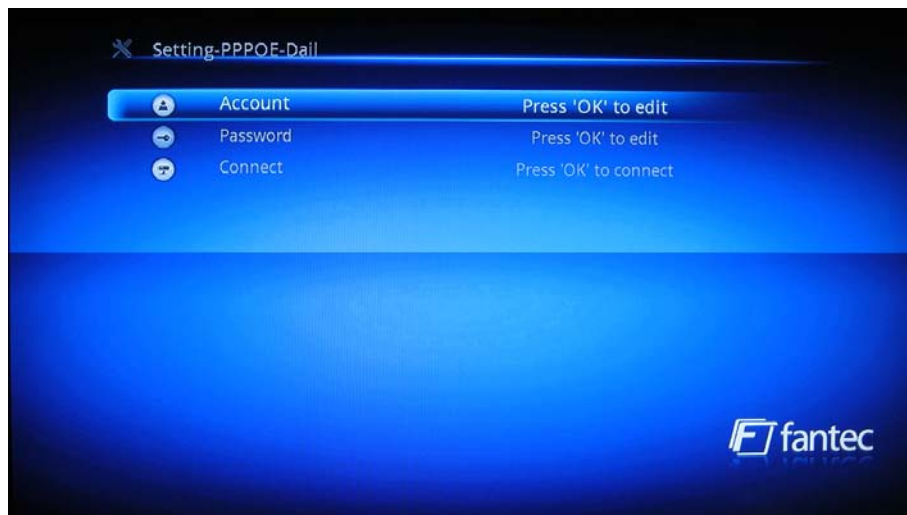
13.11.4 Setting Ethernet Manual

Enter your IP network setting by the use of the numeric button of the remote control and confirm with "OK" button.

13.11.5 Current Net Property

13.11.6 PPPoE Dail

Enter your Account and Password data via the virtual keyboard and then you can use your online account. You can change the letter and the special character interface with the "@#&" button and confirm with the "Submit" button.

Note: If your internet access is already available by your router or modem, you don't have to configure the PPPoE settings again.

14. Upgrading the Firmware

The firmware is the operating system (OS) installed on the device. Firmware upgrades can bring new features, improvements and bug fixes.

Download the latest firmware from www.fantec.de.

Step 1: Prepare the USB pen
You will need a USB pen for firmware upgrade. Make sure that the device is empty! Please copy the firmware file to the root directory of the device. Do not change the file name.

Step 2: Power on the FANTEC media device and connect it with TV.

Step 3: Connect the USB pen
Plug the USB pen into one of the slots of the media device.

Step 4: Enter SETTINGS, UPGRADE and select LOCAL UPDATE.
The firmware installation will start after a minute. You will see the upgrade process on the TV screen.
Please wait for about 1 minute until the installation is completed. Then the device will restart itself.

Note:
Do not turn off the power during installation.
Do not unplug the USB pen during firmware installation.